

CLAIMS

1. A system for configuring equipment to achieve a desired result, comprising:
  - a simulation engine, said simulation engine receiving said desired result and outputting at least one parameter setting for operating said equipment to achieve said desired result; and
  - a consumable knowledge base, said consumable knowledge base receiving said at least one parameter setting and outputting a consumable selection for use in said equipment to achieve said desired result.
2. The system of claim 1, wherein said system is in communications with said equipment and said system communicates said at least one parameter setting to said equipment for setting said equipment according to said at least one parameter.
3. The system of claim 1, further comprising a configuration file for storing said desired result, a reference to said equipment, said at least one parameter setting and said consumable selection.
4. The system of claim 1, wherein said simulation outputs a simulation result.
5. The system of claim 1, further comprising a process step configurator, said process step configurator receiving the desired result, the at least one parameter setting and the consumable selection and outputting a step-by-step process for achieving the desired result.
6. A method for configuring equipment to achieve a desired result, comprising the steps of:
  - receiving said desired result into a simulation engine;
  - outputting from said simulation engine at least one parameter setting for operating said equipment to achieve said desired result; and
  - outputting a consumable selection for use in said equipment to achieve said desired result.

7. The method of claim 6, further comprising the step of:  
setting said equipment according to said at least one parameter.
8. The method of claim 6, further comprising the step of:  
storing said desired result, a reference to said equipment, said at least one parameter  
setting and said consumable selection to a configuration file.
9. The method of claim 6, further comprising the step of:  
outputting from said simulation engine a simulation result.
10. The system of claim 1, further comprising the step of:  
outputting a step-by-step process for achieving the desired result based on the desired  
result, the at least one parameter setting and the consumable selection.